[P. 516] Tubatulabal NS22

T Y 343 no door, the doorway being merely an opening between the rafters [there probably was a doorway frame of some sort]. The fire was in front of the center post. Firewood was kept in two piles, one on each side of the entrance; men sitting next to these put wood on the fire. [354]

T Y 515 Men did not indulge in sweats until they were twenty-five to thirty years old. Evening [late afternoon?] was the most popular time for a sweat, after which they would swim and return home to sleep. While in the sweat house men usually "just lay around." Sometimes, merely to entertain others or to practice, a man would T Y 517 dance the ha´t·m (the "piston-rod step" of Powers) if someone would sing for him. For such a performance there was no costume; it had no ritual significance. No games were played in the sweat house, nor was smoking indulged in -- "it was too strong in there."

MISCELLANEOUS DATA

T Y 524 Games.---Women played huču´wɨs, the walnut-shell dice game, in the daytime only.

T Y 323 Pottery.---Pottery was made at Sototlo by women. The pounding of the clay paste, the coiling process were the only details remembered.

T Y 436 Money.---The small disc money of clamshells was measured by doubling a strand and then slipping it into a series of chain-stitch loops. A "rope" long enough to reach from the wrist to the shoulder, was worth $2.00 in "American money." Such a strand was exchanged for an eagle's leg with the down still intact.

T Y 286 Blankets.---F.M. did not know how "woven" skin blankets were made, save that strips of rabbitskin or wildcatskin were used in them.

T Y 805 Calendar.---A calendrical system of months based on moons was used in the old days. The only name he remembers was that for the month roughly coincident with February: kala´sa, meaning "blows it all away" or "cleaned up," because it was a period of high winds, trees were bare, and the leaves all blown away.

T Y 301 Hair nets.---These were used "everywhere" for the basis of feather head ornaments. A single hairpin (tsama´ni) held the ornament in place. Neither the net nor hairpin was used for ordinary dress, nor by women.

T Y [237] Yellowhammer strips.---Ornamental bands of sewn yellowhammer feathers (paiya´mən) were known but rarely used.[130] A doctor who owned one would wear it for the dancing on the night of celebration following a mourning ceremony. It was never used when the doctor was dressed for curing; it was "just to look pretty." The band was worn around the head with the ends hanging down the back.

T Y 534 Musical instruments.---The flute (uṭoi´´i) was made of elderwood; number of holes not

[130] Cf. Kose specimen (ibid., pl. 58).

539 773 The sweat house.---The sweat house (mos) was first obtained from Bear.[144]

Bear always had a sweat house and that is where people first got it. People saw it and wanted one like it. Eagle, the chief, sent Dove to ask Bear about his sweat house. It took the messenger a day to reach his place. Bear received him and agreed to come the next morning. When Dove started to go, Bear detained him. "If you can beat me to that gap in the hills down there, you may go." Dove ran off. If Bear had caught him before he reached the spot, he would have killed him. But to Bear's astonishment Dove got there first and continued on his trip home.

The next morning Bear came. He asked the people where they wanted their sweat house. They said, "Close to the water." He went out and cut a lot of long poles. He dug out a pit in the ground. He built the sweat house just like his own. No one helped him, yet he had the structure completed by sundown.

The chief sent for all the people to pay Bear. Bear told them not to start a big fire in the sweat house yet, to have just a little one for the first day. Then Bear received his pay and went home.

The people got brush and made a fire, then lay down near it. They wondered who should sing; they decided that a man with Bear as his lineage totem had better do it. So a Bear man sang: hoyoho' na'a, hoyoho' na'a, ho' ho' ho' (hoyoho, Bear, hoyoho Bear). He repeated this over and over and kept time by slapping his thighs (J.P.).

● 515 Now it is nearly always a Bear or Eagle man who sings in the sweat house, although any man may do so if he wishes or is asked to. According to Kroeber, men sometimes divided themselves in two groups, singing songs and competing with each other in enduring extreme heat. Such a sweat was followed by bathing and a sound sleep. Another swim was taken in the morning.[145]

[534] The flute was frequently played there. But no dancing of any type took place within the sweat house in the Central Foothill region.

Any man who wished to might go in the sweat house. On rare occasions boys went in while a sweat was in progress. But a lad was not allowed to take a severe sweat until he was fifteen or sixteen years old, as the physical strain was too great. Boys of eight or so onward were permitted to sleep there at night; especially were they sent there when the home was crowded. Young men and single men slept 513 there the year around. Married men occasionally stayed there for social pleasure and during a wife's tabu period after childbirth, according to my informants; whereas Kroeber

[144] The Walapai held a similar belief (Kroeber, Walapai Ethnography, 118). Also mentioned in a myth (Gayton and Newman, 89).

[145] Kroeber, Handbook, 523.

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states that men slept there regularly during the winter months.[146] Women entered the sweat house only when it was empty of men, as it was at mealtimes, or when the majority of men were occupied elsewhere with their duties. It was chiefly during very cold weather that they went in to warm themselves, and they left instantly when they heard men approaching.[147] Sometimes women sat just outside to listen, if the men within were singing especially well, but ran off when the inmates were about to emerge.

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Sweats were often held twice a day, sometimes one in the morning, and invariably one in the late afternoon. Though it was the winatum's duty to keep the sweat house provided with some wood, the major portion of the supply was brought by the individuals who were going to sweat themselves. Men sitting next to the woodpiles -- there was a pile on each side of the door -- cast sticks on the fire as they were needed: there was no fire-tender's office. An intensive sweat seems to have been the vogue. Many informants speak of participants staggering as though drunk when they left the sweat house. After the sweat there was a general rush to the river for a swim. The men then returned to the sweat house to sleep or lounge in the warm interior until sundown, when the evening meal was ready.

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A village of any size had at least two sweat houses. Sometimes a small one would be built by a group of friends, though there was no sense of exclusiveness or private ownership involved. If the number of men in a village was reduced, a smaller sweat house was more appropriate to their needs; especially was it more easily heated. When one burned down, as they occasionally did, or the supporting timbers of an old structure weakened beyond repair, steps were taken toward building a new one. Men would talk among themselves about it; then the chief was consulted. While his permission was not absolutely necessary, he usually directed, by means of his winatum, the construction of a new sweat house. Three or four men whose skill was recognized were selected to undertake the job. They were paid for their services by the chief, who received contributions for the purpose from the men of the village. Apparently there was no fixed fee: informants said each man "would give a little bit," or that occasionally workers were not paid "because they wanted the new sweat house too."

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The area of a sweat house floor was excavated about two feet. Digging sticks were used to loosen the soil which was piled into

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[146] Ibid. Pages in the 1770's found that men of the San Luis Obispo region (Chumash) slept away from home in what were prbably sweat houses, although he (or the translator) construes them as "great subterranean caves" (p. 48).

[147] This would modify Kroeber's statement that women never entered the sweat house (Handbook, 523).

292 encompass the head, and tied with strings at the back of the head. These strings were sometimes wound around the hair which had been pulled into a bunch at the nape.

Personal care.---Both sexes brushed the 302 hair daily with a soaproot brush. Men would do this in the morning if they had no immediate 515 work. Women more often brushed and arranged their hair in the early afternoon after returning from seed-gathering, pounding acorns, or other arduous work. For washing hair, chips of [388] dried soaproot were put in a large basket of warm water. This was done at the creekside if possible and the hair was rinsed in running water. Normally the hair was not washed while swimming.

Both sexes took care in the disposal of 754 hair which, if found by a malicious shaman or by an evil person who would take it to a shaman, could be used for contagious magic. (How this was accomplished M.L. could not say.) Women hid their hair combings until a large bunch had collected, then took this to a flowing of water where it was buried under a stone. To do this not only ensured safety from magic but aided the hair on the head by causing it to grow [826] more luxuriantly. Combings were not burned because this would cause the living hair to fall out prematurely. Menstruants scratched the [841] head with a stick; otherwise the hairs would split and fall out.

Spittle was covered over to protect it from shamans.

Nail "parings" (if any) were not protected. 826 Some people tore off nails but most kept them ground down by rubbing them on a small water-rolled stone. A woman, particularly an old one, might let a left thumb- or big-toenail grow excessively. This served as an instrument in shelling nuts, seeds, splitting basket materials, or even as a personal weapon. When such a nail broke off, it was left anywhere.

M.L. recounted the following of her maternal grandmother who had a long toenail.

826 One of Ju''ulneš' daughters had married a 539 man who was a reckless gambler. He lost everything. Then he played the chip and pole game with a man, bet his wife as the stake, and lost her. The men became angry and began to fight. The old woman, looking on, was very mad at her son-in-law whom she already despised as worthless. She grabbed some ropes of ča and [presumably with the help of the man's opponent] succeeded in tying up the culprit. Then Ju'ulneš picked up some stones and hit him. As he fell she kicked him and cut his penis with her long toenail. She was so pleased with her success that she kept her nail long thereafter.

292 Ceremonial dress.---The fundamental parts of ceremonial regalia, usually worn by shamans when engaged in public dances or rituals, were the feather headdress and feather skirt. Additional ornaments of feathers, skins, beads,

[text continues on p. 69]

881 meat tabu was observed. Girls who drank cold water and ate meat got overly fat.[343] Like M.L., M.P. said "girls followed the moon, and boys
841 the sun," but added that "girls were always
805 sick on the full moon," which is, of course, impossible. Girls gauged the expected arrival of their periods by the condition of the moon from month to month, as explained by M.L. In the old days, said M.L., a menstruant cooked for the family as usual, but she slept on the opposite side of the house from her husband and intercourse was strictly tabu.

881 During adolescence both boys and girls were sent to swim at night. The informant J.B. gave this practice a name, pa'duwi·š, and defined it more rigorously than others. For thirty nights during the coldest, frostiest weather (December-January), a lad or young girl was sent out three times each night, once just after he had fallen asleep, again halfway through the night, and again near dawn just before the other members of the household would be arising for their own swim. The youngster who slept soundly was given a vigorous poking until he got up and went out. The swimmer ran back wet to prove he had immersed himself; he dried and warmed himself by the low fire and jumped back into his bed. The purpose of these efforts was to produce a physical and mental hardiness. After adolescence a person of character continued the practice, though not quite so rigidly, i.e., one dip a night was sufficient. It took some fortitude on the part of the parent who himself must waken to see that his sons or daughters were roused each night three times: J.B. said, "old men sometimes lost their children because they wouldn't
[751] see that they did this right each night." People often did the same thing in the summertime and those who did "never got sick." Such
● [515] bathing was of an extra and special sort: it was taken as a matter of course that one swam at daybreak every day merely as a matter of decent behavior and personal cleanliness.

861 J.B. added that every man talked to his own children, especially his sons, telling them how to behave, to be industrious, and to be respectful toward supernatural manifestations. Both boys and girls learned their duties and techniques of work from their father and mother by association, emulation, and specific instruction.

Marriage.

582 The only regulation of marriage was a restriction based on blood relationship. All Wukchumni informants claimed that a relationship as distant as third-cousinship was a tabu to matrimony. A marriage with such a relative

[164] [343] M.P. attributed the obesity of a certain old woman, who was obviously tumorous, to infringement of the meat tabu.

343 small trinkets stored in baskets. Women kept
251 extra baskets, the burden and fish baskets there, and food which was stored for immanent use.

The acorn storage bin (su'u'na) was made of twined mats of aiač tied around a stout cylindrical framework. The upper ends of the mat wefts were left untwined and, after the bin was filled, these loose tops were bunched up and tied tightly. Acorns were removed from a hand hole near the bottom which was plugged up with willow bark (or any convenient material). The bin was set up on a special platform supported by four posts or in the branches of a tree, to which it was lashed with ho'.[7]

343 Sweat house (mos).---This was the usual
515 two-post structure described for the Central Foothill region. A new one was not built until the old one burned or was beyond repair. The fire was just inside the door; so was the firewood, in two piles, one on each side of the door. Whoever was sitting nearest the wood kept up the fire.

Any male "old enough to stand it" was welcome to make use of the sweat house. There was no ceremonial dancing within it, but doctors or others who knew how would occasionally dance there (perhaps for practice, as we [533 524] know from the Wukchumni). The flute was often played there, but games were not indulged in.

SUBSISTENCE AND CLOTHING

262 Foods.---Foods available and used were those customary with other foothill Yokuts and were procurable in abundance. Rock salt was [263] known -- probably traded from the Monachi -- but more often the salty deposit on certain grasses was flicked off on a small willow twig. Greens and bulbs, tule and iris roots were the vegetable foods besides the staple acorn. Buckeye seed was used after a thorough leaching only when acorns were scarce.

252 In discussing the preparation of acorns,
262 Mayfield says that "a sort of sieve or colander, made of fine willow shoots," was used to separate the coarse and fine particles. (This does not necessarily preclude the usual Yokuts circular winnowing tray.) The preparing and cooking of acorn foods are as reported generally for the Yokuts. [412] The soaproot brush with straight bristles was used for brushing up acorn flour at mortar holes.

Piñon nuts were collected and prepared as by the Waksachi (see below), eaten roasted or mashed in a rich mush.

262 Ground squirrels were smoked from their
224 burrows, but the fan used was a basket or
184 piece of hide, i.e., evidently not a feather fire fan.

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[7] Mayfield describes a similar granary (ibid., 23).

[P. 186 9] Chukchansi

STRUCTURES

343 Sweat house.---The Chukchansi sweat house was circular, some 18 to 20 feet in diameter. The floor was excavated about 3 feet, and the earth packed down hard. The supporting frame was of pine trunks about 5 inches thick [number not mentioned]. The door was 4 or 5 feet high, 2 feet wide, with no door covering. A smoke hole was left in the center of the roof, which was about 8 feet high at that point.[100] The roof beams were of green live oak saplings, and on these was piled a thick layer of chaparral brush, leaves, and lastly earth. The fire was just within the door so that one had to jump over it in entering.

343 The usual sweat house held ten to twelve men sitting or lying close together. Very old 515 and very young men did not use it. Some men 517 slept there. For sweating they went there about 10 a.m. and about 3 to 4 p.m. After sweating they went to swim in a pool especially dug or enlarged for that purpose. At Gratniu (Picayune) there were two sweat houses in use: "you went to either one you wanted to." At Aplau, another Chukchansi village, there was but one sweat house.

[533] There was no special ceremony on the completion of a sweat house. Men would gather there as soon as it was ready and just sing for pleasure, as an expression of happiness. The informant M.N. said that sometimes the hand [524] game was played inside and often men amused themselves by having a sweating contest; more and more wood was added to the fire until the last man was forced out by the intense heat.

No ceremony was held in the sweat house; no dancing, "just singing" (J.R.). As an ex- [533] ample of songs men sang in the sweat house, C.D. gave the following:

Go see
You too
I'm going up north
Go out
You too

Only men used the sweat house, according to most informants, but M.N. said, after the men got through and went out, women went in.

342 Dwellings.---The Chukchansi dwelling was a conical thatched house (fig. 5, c, d, Pt. I). When the circumference was laid out, usually about 12 to 14 feet in diameter, postholes about 18 inches apart were dug all around it. The space between the door poles, however, was about 8 inches wider than the rest. All in- [184] formants stated that the frame poles were bunched together at the top [the characteristic Yokuts hoop being absent], "so water couldn't [171] come through."[101] About four horizontal withes

[100] This sounds like the Miwok 4-post type. -- A.H.G.

[101] Kroeber, however, credits the Chukchansi conical house with a ring at the apex (Handbook, 522).

[P. 1909] Chuckchansi

412 322 ment. -- A.H.G.] The plastic material for the handle was taken from another uncooked root.

515 Soaproot was used to wash the hair, head, baskets, etc., said J.R. (Since skin clothing hardened when wet, it was not washed.) The root, when pounded, exuded a soapy juice which was then mixed with water as a washing fluid which lathered. The fibres were saved for brushes. J.R. added that, when the bulb was roasted, it was "just like roasting potatoes." [The inference is that some varieties of soaproot were pit-cooked and eaten as by other Yokuts, Miwok, Pomo, etc. -- A.H.G.]

[262 252 171]

415 322 Mushstirrers were made of green chaparral [Ceanothus?], heated and bent into shape, tied with milkweed string at the neck of the loop and at the ends of the handle. Total length, as seen by Thrall, a bit over two feet. A pair of straight sticks some four feet long were used like tongs on hot cooking stones.

415 324 Cooking stones were made of soapstone, said M.W.; she called these pako'yun or halix. They were heated and dropped in acorn mush to cook it. Plain stones broke when so used and "spoiled the food."

Soapstone dishes (approximately 6 in. in diameter, 2 in. deep, with walls 1 in. thick) were made by the Chukchansi. They were used for cooking larvae and worms.[110]

[412 322] Wooden mortars were known to the Chukchansi, says Kroeber.[111]

323 The absence of pottery agrees with previous findings of Kroeber and Gayton.[112]

411 Weapons.--Plain and sinew-backed bows were made by Chukchansi (and Miwok). The sinew-backed bow was of cedar, about three feet long. Deer sinew from each side of the backbone, about 18 inches long, was glued on the back of the bow. The sinews had been kept dried for this purpose. Once on the bow, it was never permitted to get wet. The bowstring was always sinew. Nevertheless, the bow was kept outside the house, according to J.R., but always unstrung when not in use. This type of bow was for hunting large game -- deer, bear, cougar, coyote, wildcat -- and for warfare.

[237]

A plain bow of mountain willow, four feet long and strung with a milkweed string, was used for everyday shooting of squirrels, gophers, rabbits, and birds. The informant J.R. maintained that the same type of arrow was used with either bow. [Doubtless the same arrow could be used, but it is unlikely that only one arrow type was used. Moreover, the flat bird arrow is mentioned in a Chukchansi myth. -- A.H.G.]

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[110] Cf. Kroeber, Handbook, 527.

[111] Ibid., 528.

[112] Ibid., 537; Gayton, Yokuts and Western Mono Pottery-Making.

W Y 343 251 high was set up, and in a squared position about it were erected four shorter forked posts. Four tie beams connected the corners, and across these was laid a flooring of small logs. Side poles, whose butts rested on the outer edges of the floor, leaned into the forked center post. All poles were lashed in place, and over them was wrapped a grass thatching, similar to that used on houses. How this type of bin was filled and emptied was not learned.

In such bins only acorns were kept. Seeds were stored in special baskets in the house or were put in skin sacks and buried under sheltering rocks. Piñon nuts were stored in buried sacks, made of antelope and deer hides cured with the fur on. The leg parts of the skin were cut off; the skin was folded down the back and sewed up around the edge with sinew thread. An opening, left at the neck, was closed by a tie string. These sacks were often hung from trees, as the hair shed water, making them practically waterproof. They were also used as general carryalls by men.

W Y 343 Sweat house.--This structure (mos, Michahair; mo·sa or mosa´owi, Waksachi) might be made with one or two center posts. B.O. said the two-post type was preferred by the Waksachi, whereas, according to S.O., the single-post type was the common form for both Waksachi and Michahai.

The posts of the two-post type were about fifteen feet apart, and a long gable beam rested in their forks. Long poles, lying as close together as possible, were leaned against the center beam, and into and around the forks of the two uprights. Then brush, willows, and "long weeds" were laid against these, commencing at the bottom and working up. Earth was taken from the interior and piled over the brush cover as it was laid on. In the side of the structure facing the water [Eshom Creek for the one described here] a door space had been left between the side poles. Three upright stakes were driven in the ground on each side of the door space, just within the entrance, so that a log resting upon them was flush with the slanting side poles of the frame. On this log rested the butts of short poles, their tips against the center beam, thus filling in the space above the doorway. The height of the entrance was about three feet, and the interior of the house not quite high enough for an averaged-sized man to stand erect. There was no closure for the entrance.

W Y 343 515 Two "brush" fires were built, one on each side of the doorway; the draft pulled the fires' heat inwards, it was claimed. Whoever wanted to sweat would get the necessary fuel. The room held ten or twelve men. While any man was free to enter and make use of the sweat house, boys were not permitted to try sweating until they were fifteen to twenty years of age. The prohibition was due to their lack of mature physical soundness, not to any sense of ex-

W Y 343 515 clusiveness. Women "never went near the place" (B.O.). The favorite time for sweating was the late afternoon, between returning from hunting or other duties of the day and the evening meal at sundown. After the sweat the men ran out to bathe, and then back into the sweat house, where a reduced fire dried them and prevented chill.

W Y [513] Single men slept in the sweat house but, whether sleeping there or at home, a man invariably rose with the morning star and went immediately to swim.

The single-post sweat house had the earth excavated for about one foot over its proposed floor surface. A forked center post was erected, and into its crotch were laid the ends of many straight poles very close together. The interstices were filled with still more slender willow rods. Then earth was piled over the whole. The doorway, which S.O. said "was small but you didn't have to wiggle or crawl through," was constructed as described above.

There was one fire directly inside the door. Anyone got wood or kept it burning: the winatum had no special duties in this respect. B.O. thought the single-post house held seven to ten men, a two-post house, eight to twelve. All men did not indulge: "some did not like it." When a visitor arrived, he would be offered a sweat. Women "did not go very close" to the sweat house. If a woman wanted a man who was in there, she would send a boy or male relative for him.

A breechclout was not worn, nor any type of penis-protector; if the heat was too intense, the hands were held over the organ. Kneeling posture was maintained while sweating.

"Any man who wanted to could build a sweat house, but he always asked the tia'a [chief] first." There were two small ones (single-post) and one large one (2-post) at Tušao. A new one was seldom put up before an old one burned or showed signs of decay.

W Y 515 533 No dancing was done in the sweat house, but singing was frequent. Some good singer (ile'k·č) would lead in singing songs used outdoors to accompany dancing; there were no special songs for the sweating occasion. Often a man would go in there to play the flute (u'tač). This pastime was particularly popular when men were sleeping there all night.

Dress and Bodily Ornament

W Y 291 [439] Footgear.--Normally people went barefoot. Some men had deerskin moccasins (name not recalled) which were bought from the Eastern Mono. S.O. could not describe the pattern clearly: it was cut in one piece with the fold on the inside of the foot, the seam on the outside, and had a long flap as a tongue.

No sandal of leather or fibre material had ever been seen or heard of by S.O.

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covered with a brush and tule thatch and then with dirt. The roofs of these houses were so low that a man could probably not stand upright in them. Some of the tribes called the sweat house, *Mosh*.

The structure was generally quite small, probably never more than twelve or fourteen feet in length, and was not used as a dance house as was frequently done among other tribes. We do not know of its use as a council chamber, or assembly hall. What information the writer has been able to secure on this subject indicates that the Yokuts probably used the house of the head man, or chief, for these purposes.

During the winter the sweat house was a regular sleeping place for the older men. The door generally faced the south, but if the house was on the south side of the stream it faced the stream. We are told that in some instances a brush shelter, or wind break, was erected on either side of a path leading from the sweat house to the water, which was never more than a few yards distance.

In using the sweat house, a fire was built in the center and stones were heated in it. All openings were closed and water was poured upon the hot stones. In addition to the intense heat due to the closed door, as well as the smoke from the fire, the steam from the hot rocks soon brought the inmates to a state of profuse perspiration and near suffocation.

During the time of sweating, a sweat stick, or scraper, was used to remove the perspiration from the body. This scraper was sometimes made from a split elk rib. It was about eighteen inches long and curved both along its length and in cross section. The elk rib was split along the edges and the thin, concave inner half used.

After enduring this state of affairs as long as possible, during which time there probably was competition as to who would be the last one to leave the place, the opening cover was thrown aside and a group of yelling, perspiring Indians ran from the house and jumped into the water.

Often this form of bath was indulged in at night, after which those participating would go to their beds and to sleep. In the morning, generally before sun-up, practically every Indian in the rancheria would have left his house, running and shouting, and would have bathed in the near-by stream.

I have been told by old Indians, and have proved by investigation, that the Yokuts sweat house was located at the

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lower, or down stream limits of the village. It is explained that this was done in order that the bathing would not disturb the water of the stream which was used by the inhabitants of the village.

In many instances the *Winatun*, or messenger for the Headman, or Chief, lived near the sweat house. It was his business to meet strangers, or visitors, and escort them to the chief. A second Winatun lived on the main trail at the up-stream limits of the village. It is probable that the lower Winatun occupied the sweat house when he happened to be a man without a family. Women never entered the Yokuts sweat house.

It was due to the practice of sweating that measles and smallpox, as well as other fevers, took such heavy toll of the Indians not only in the San Joaquin Valley, but throughout the western United States. Fevers were apparently unknown to them. Their ordinary ailments were principally rheumatism and other infirmities due to cold and exposure. Pioneer settlers of the San Joaquin Valley have repeatedly described the death within a few weeks of almost entire tribes of Indians due to measles, or smallpox, when treated in the sweat house.

The sweat house was held in high esteem by all Indians. Why this should be the case has aroused the curiosity of many persons. When one considers the most important use to which it was put, this attitude on the part of the Indians is not strange. Most Indian hunting was done by stalking. Deer and other animals were killed with bow and arrow, often at a distance of less than forty feet. White deer hunters will appreciate the difficulty of approaching this close to a deer, even should the hunter be disguised by a deer head and horns and covered with a deer skin. It is readily appreciated that often at the distance of several hundred yards the deer will scent a hunter and take flight. The Indian also knew this. For this reason he was very careful about two or three things. His hunting equipment was always hung up where it would not be touched except when he was hunting. In this way it carried no scent.

Before going hunting the Indian entered the sweat house and bathed in the river. Taking his weapons, he proceeded to the game country with the knowledge that, for at least five or six hours, deer and other game would not be able to distinguish his scent. As this gave the sweat house a very ical and vital use, it is not strange that the Indians alm versally came to regard it as sacred.

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things: the fact that they are adjusting themselves to the white man's way of living, and that they are anxious to keep their blood pure.

Those full-blood members of the *Wuckchumne* tribe, who number more than twenty, are almost entirely independent. They have never gone to a reservation and have accepted practically no government aid of any sort. They live in the open air under the spreading oaks along the Kaweah River, much as they always did. This is the reason that they have survived.

One of the common criticisims of Indians is that they are dirty. The writer has interviewed more than two hundred early white pioneers concerning the Yokuts Indians. In addition he has talked to more than twenty Indians who remembered the times before the white man came. We are assured by all persons who knew the Indians before their old method of living was entirely broken up, that almost without exception, every man, woman and child in an Indian village had bathed in the nearby stream before or shortly after sunrise every day of the year. We are told that during the summer months, young people, and often grown people, were in the water from ten to forty times during the day.

Padre Francisco Garces, first recorded white man to travel among the Yowlumne Yokuts, thrice took occasion to mention the fact that those Indians were cleanly and bathed often. He wrote about their use of the sweat house: "The hour of entertaining therein is either during the morning, or during the evening. When once the persons are inside, they kindle a fire; and as there is little ventilation, they cease not with the heat and the smoke to cry out and to sweat until the earth grows wet; when indeed they can endure no more they climb out by means of their ladder of sticks and throw themselves into the river. This is without doubt the cause of these people being so clean; but though of good habit of body they are meager and quite tender footed." On White River Garces wrote: "—these Indians travel little, because they bathe much, and do not have any covering on the feet."

If the many statements concerning these practices are true, then at least the question of personal cleanliness among the Indians as compared to white settlers is settled, because this frequency of bathing is without question not true of the white people who overthrew them. We know that even the mythical universal Saturday night bath was not indulged in by some

3: Latta Y-5 (1923-1948)1949 NS29 Yokuts NS29

early settlers. Even Padre Garces mentioned bathing himself only once and that was when he crossed Kern River. He wrote on May 1st, 1776: "They [the Indians] convoyed me across between four of them by swimming, two taking me by the arms, and the other two by the body; whereupon I took advantage of the occasion to bathe at my pleasure in that water so limpid and beautiful."

No person who did not see the Yokuts Indians before 1854 or '55 really knows much about their conditions of living before they were turned out of practically every one of their old village sites.

It appears to me no more unfair to steal a man's money and then to call him a pauper than to drive an Indian from the means of keeping himself presentable and then to call him dirty.

According to repeated testimony, the old Yokuts were true to each other, provident, kind to their families, honest to a fault, temperate, and good citizens within their social group. For some reason I have always felt that if they fulfilled these requirements, a moratorium might be in order regarding the matter of the Saturday night bath. It is proper to record here in support of these last statements that while on Kern River Padre Garces wrote on May 1st, 1776: "The young men are fine fellows, and the women very comely and clean, bathing themselves every little while; they take great care of their hair and do it up in a topknot; they wear petticoats of antelope skin and mantas of fur, though they are not very coy."

This is Garces' third mention of bathing by Yokuts.

At another rancheria in the same locality he wrote on May 2nd: "In this rancheria I found that the little damsels went naked; and though in other parts the same occurred among the women grown, I have not seen in them all an immodest action."

At the present time it is probable that the Indian is receiving the best treatment he has ever receivd at the hands of our government. It is possible that the next few years are to bring even better treatment than they are now receiving. This is a matter of great satisfaction to those white persons who have lived in close contact with the Indians and who have recognized their fine qualities, but it needs some explanation to be appreciated by others.

4: Gayton E-5 (1925-1930)1946
NS29 Yokuts NS29

the Yokuts (e. g., Salinan, Chumash), while collectively unknown eastern groups were called mountaineers (do´mtui). The north and south dimensions of the valley are greater, and tribal contacts in the floor of the valley were so aligned along the water flow between Kern, Buena Vista, Tulare Lakes, and the lower San Joaquin River.

Of the two other directions, up (ṭi´pin; sky, above) and down (ati´l), the latter had no special significance beyond myth reference to an underground gambler whose home might be reached via a badger or gopher hole.[20] Upward, "aboveness," was of great religious significance, the embodiment of sacredness and supernatural power. Veneration was manifest in many ways, especially in a religious-motivated looking upwards, looking at the stars and sun with prayerful phrases on the lips, basking in the sun, getting magic "airshot" from the sun during shamanistic contests. Supernatural power was called ṭi´pni; it was the essence of all "aboveness" and the power derived therefrom, though the term might be applied to anything weird, holy, or peculiarly hyperphysical.

To the earth itself (di´nit) there was no special attitude, nor to the plants growing on it save the narcotics tobacco (so´'og) and *Datura* (ta´ñai). For example, for all the essential uses earth was excavated without special concern—house, sweathouse, or grave pits, for pottery, colored earths for paint. Similarly ordinary stones were taken for implements, motars and pestles, though previously shaped stones such as the "charmstones" of weather shaman, were regarded with awe, as ṭi´pni.

On the other hand, water (i´dik), especially that of springs, was venerated: "water is immortal because it is everywhere; it is living all the time." Springs were addressed prayerfully, sacred eagle down was scattered near them, and a little water was sprinkled on oneself with a request for long life. Other expressions of this attitude are found in early morning bathing (more than a mere cleansing act), and in myths, wherein submersion or application of water was the standard method of magical resuscitation.

The stars were not ignored; on the contrary, the Morning Star especially was of great importance: people should be up in time to see it, greet it with a prayerful request for "a good world" and longevity. The Pleiades gave luck to gamblers; other stars were dangerous lures to men. Eclipses of moon or sun were hailed with shouts of discouragement, and excessive thunder was admonished to cease. In short, even heavenly bodies were part of the immediate, reachable environment.

Aspects of time, of the place of animals and of man in the world were em-

20 There was no concept of stratified worlds, or of previous and successive worlds.